Waste Management
ENVIRONMENTAL QUALITY

PAT MCCRORY
Governor

DONALD R. VAN DER VAART
Secretary

MICHAEL SCOTT
Acting Director

May 2, 2016

Fred B. Hicks
31796 Old Herlocker Road
Albemarle, NC 28001

RE: Water Supply Well Sampling Results
31888 Old Herlocker Road (PIN 652902888215)
Albemarle Dump
NONCD0000571

Dear Mr. Hicks:

As you are aware, URS Corporation sampled your water supply on December 16, 2015 as part of an environmental assessment of the Albemarle Dump near the above referenced location. Samples were analyzed for the chemicals listed on the attached sheets. The following chemicals summarize what was detected in the samples collected from your water supply. Concentrations are expressed in parts per billion (ppb) or included on the attached sheets as micrograms per liter of water (µg/L).

Sample #	Chemical	Concentration mg/l	US EPA [1] MCL mg/l	15A NCAC 2L[2] mg/l
FA30189-12	Cis-1,2-Dichloroethylene	0.00024 J	0.07	**
	Freon 113	0.0024	*	200
	Tetrachloroethylene	0.00073 J	0.005	**
	Trichloroethylene	0.00075 J	0.005	**

Notes –
[1] US EPA Maximum Contaminant Level for drinking water
[2] North Carolina Administrative Code, Section 2L, Groundwater Classification and Standards
mg/l = milligrams per liter
J = Estimated Value
* = Not Available
** = Not Applicable

Standards listed on the table used to determine if water is suitable for drinking and cooking are the federal drinking water standards (USEPA MCL), or where there is no MCL, the North Carolina Groundwater Quality Standard (NC 2L[2]), or where there is no MCL, or NC 2L a calculated health-based calculation.

The above information indicates that chemicals identified in the water sample obtained from your water source did not exceed applicable standards. Ms. Hanna Assefa, Environmental Toxicologist with the NC Division of Waste Management, reviewed and evaluated the analytical results (see attached Health Risk

Evaluation memo). **Based on that evaluation, the water from this source is suitable for drinking and cooking and all other household purposes.**

No further sampling is planned at this time; it is the responsibility of the owner to arrange for follow-up sampling through a commercial laboratory if the owner wants additional samples collected.
Please contact me with any questions at (919) 707-8227.

Sincerely,

Analee Thornburg

Analee Thornburg, Hydrogeologist
Division of Waste Management, NCDENR

Attachments

cc: David Ezzell, Environmental Health Director -1000 North First Street, Suite 3, Albemarle, NC 28001

MEMORANDUM

DATE: February 23, 2016

TO: Analee Thornburg, Hydrogeologist
Inactive Hazardous Sites Branch
NC Superfund Section

FROM: Hanna Assefa
Industrial Hygiene Consultant
NC Division of Waste Management

RE: Health Risk Evaluation
Albemarle Dump
Fred B. Hicks Well 14
31888 Old Herlocker Road
Albemarle Stanley County
NONCD0000571

A sample was collected from the drinking water well at the subject address on December 16, 2015. Contaminant concentrations detected in the well water do not exceed applicable standards. The standards used to determine if the water is suitable for drinking and cooking are the United States Environmental Protection Agency's Maximum Contaminant Levels (MCLs) or, if no MCLs exist, North Carolina Groundwater Standards (2L). If a health-based groundwater standard was not available, one was calculated.

If contaminant concentrations exceed the applicable standards for using the water for drinking and cooking, the contaminant concentrations are further analyzed to determine if the water is suitable for other household uses, such as showering, bathing, washing dishes, flushing toilets, and hand washing. **Therefore, based on this evaluation the water from this well can be used for drinking, cooking and all other purposes listed above.** The table below compares the detected contaminant concentrations with the applicable standards:

Sample #	Contaminant ug/l mg/l	Concentration mg/l	USEPA MCL mg/l	Health Based 15A NCAC 2L mg/l	Calculated Health Based Concentration mg/l
FA30189-12	Freon 113	0.0024 J	*	200	**
	Cis-1,2-Dichloroethylene	0.00024	0.07	**	**
	Tetrachloroethylene	0.00073 J	0.005	**	**
	Trichloroethylene	0.00075 J	0.005	**	**

** Not Applicable
* Not Available
J –Estimated Concentration
mg/l = Milligrams contaminant per liter of water.

Accutest Laboratories

Report of Analysis

Client Sample ID:	WELL 14		
Lab Sample ID:	FA30189-12	**Date Sampled:**	12/16/15
Matrix:	AQ - Ground Water	**Date Received:**	12/19/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Albemarle Dump; Nanny Dr, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N0091301.D	1	12/28/15	RB	n/a	n/a	VN4110
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL (SOM01.1) List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	0.025	0.010	mg/l	
71-43-2	Benzene	ND	0.0010	0.00020	mg/l	
74-97-5	Bromochloromethane	ND	0.0010	0.00034	mg/l	
75-27-4	Bromodichloromethane	ND	0.0010	0.00022	mg/l	
75-25-2	Bromoform	ND	0.0010	0.00032	mg/l	
78-93-3	2-Butanone (MEK)	ND	0.0050	0.0012	mg/l	
75-15-0	Carbon Disulfide	ND	0.0020	0.00029	mg/l	
56-23-5	Carbon Tetrachloride	ND	0.0010	0.00028	mg/l	
108-90-7	Chlorobenzene	ND	0.0010	0.00020	mg/l	
75-00-3	Chloroethane	ND	0.0020	0.00050	mg/l	
67-66-3	Chloroform	ND	0.0010	0.00030	mg/l	
110-82-7	Cyclohexane	ND	0.0010	0.00020	mg/l	
124-48-1	Dibromochloromethane	ND	0.0010	0.00020	mg/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0020	0.00061	mg/l	
106-93-4	1,2-Dibromoethane	ND	0.0020	0.00042	mg/l	
75-71-8	Dichlorodifluoromethane	ND	0.0020	0.00050	mg/l	
95-50-1	1,2-Dichlorobenzene	ND	0.0010	0.00022	mg/l	
541-73-1	1,3-Dichlorobenzene	ND	0.0010	0.00022	mg/l	
106-46-7	1,4-Dichlorobenzene	ND	0.0010	0.00025	mg/l	
75-34-3	1,1-Dichloroethane	ND	0.0010	0.00020	mg/l	
107-06-2	1,2-Dichloroethane	ND	0.0010	0.00020	mg/l	
75-35-4	1,1-Dichloroethylene	ND	0.0010	0.00027	mg/l	
156-59-2	cis-1,2-Dichloroethylene	0.00024	0.0010	0.00022	mg/l	J
156-60-5	trans-1,2-Dichloroethylene	ND	0.0010	0.00021	mg/l	
78-87-5	1,2-Dichloropropane	ND	0.0010	0.00025	mg/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0010	0.00025	mg/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0010	0.00026	mg/l	
123-91-1	1,4-Dioxane	ND	0.20	0.026	mg/l	
100-41-4	Ethylbenzene	ND	0.0010	0.00020	mg/l	
76-13-1	Freon 113	0.0024	0.0010	0.00029	mg/l	
591-78-6	2-Hexanone	ND	0.010	0.0020	mg/l	
98-82-8	Isopropylbenzene	ND	0.0010	0.00020	mg/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WELL 14		
Lab Sample ID:	FA30189-12	**Date Sampled:**	12/16/15
Matrix:	AQ - Ground Water	**Date Received:**	12/19/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Albemarle Dump; Nanny Dr, NC		

VOA TCL (SOM01.1) List

CAS No.	Compound	Result	RL	MDL	Units	Q
79-20-9	Methyl Acetate	ND	0.020	0.0050	mg/l	
74-83-9	Methyl Bromide	ND	0.0020	0.00050	mg/l	
74-87-3	Methyl Chloride	ND	0.0020	0.00050	mg/l	
108-87-2	Methylcyclohexane	ND	0.0010	0.00022	mg/l	
75-09-2	Methylene Chloride	ND	0.0050	0.0020	mg/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	0.0050	0.0010	mg/l	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0010	0.00030	mg/l	
100-42-5	Styrene	ND	0.0010	0.00028	mg/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0010	0.00022	mg/l	
127-18-4	Tetrachloroethylene	0.00073	0.0010	0.00033	mg/l	J
108-88-3	Toluene	ND	0.0010	0.00040	mg/l	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0010	0.00050	mg/l	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0010	0.00050	mg/l	
71-55-6	1,1,1-Trichloroethane	ND	0.0010	0.00026	mg/l	
79-00-5	1,1,2-Trichloroethane	ND	0.0010	0.00031	mg/l	
79-01-6	Trichloroethylene	0.00075	0.0010	0.00022	mg/l	J
75-69-4	Trichlorofluoromethane	ND	0.0020	0.00050	mg/l	
75-01-4	Vinyl Chloride	ND	0.0010	0.00025	mg/l	
	m,p-Xylene	ND	0.0020	0.00031	mg/l	
95-47-6	o-Xylene	ND	0.0010	0.00020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	101%		83-118%
17060-07-0	1,2-Dichloroethane-D4	107%		79-125%
2037-26-5	Toluene-D8	100%		85-112%
460-00-4	4-Bromofluorobenzene	102%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

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MICHAEL SCOTT
Acting Director

Waste Management
ENVIRONMENTAL QUALITY

May 2, 2016

Scott E. Mauldin
34508 Lisa Drive
Albemarle, NC 28001

RE: Water Supply Well Sampling Results
34508 Lisa Drive (PIN 652902777395)
Albemarle Dump
NONCD0000571

Dear Mr. Mauldin:

As you are aware, URS Corporation sampled your water supply on December 15, 2015 as part of an environmental assessment of the Albemarle Dump near the above referenced location. Samples were analyzed for the chemicals listed on the attached sheets. The following chemicals summarize what was detected in the samples collected from your water supply. Concentrations are expressed in parts per billion (ppb) or included on the attached sheets as micrograms per liter of water (µg/L).

Sample #	Chemical	Concentration mg/l	US EPA [1] MCL mg/l	15A NCAC 2L[2] mg/l
FA30189-13	Tetrachloroethylene	0.0040	0.005	**

Notes –
[1] US EPA Maximum Contaminant Level for drinking water
[2] North Carolina Administrative Code, Section 2L, Groundwater Classification and Standards
mg/l = milligrams per liter
J = Estimated Value
* = Not Available
** = Not Applicable

Standards listed on the table used to determine if water is suitable for drinking and cooking are the federal drinking water standards (USEPA MCL), or where there is no MCL, the North Carolina Groundwater Quality Standard (NC 2L[2]), or where there is no MCL, or NC 2L a calculated health-based calculation.

The above information indicates that chemicals identified in the water sample obtained from your water source did not exceed applicable standards. Ms. Hanna Assefa, Environmental Toxicologist with the NC Division of Waste Management, reviewed and evaluated the analytical results (see attached Health Risk Evaluation memo). **Based on that evaluation, the water from this source is suitable for drinking and cooking and all other household purposes.**

No further sampling is planned at this time; it is the responsibility of the owner to arrange for follow-up sampling through a commercial laboratory if the owner wants additional samples collected.
Please contact me with any questions at (919) 707-8227.

Sincerely,

Analee Thornburg

Analee Thornburg, Hydrogeologist
Division of Waste Management, NCDENR

Attachments

cc: David Ezzell, Environmental Health Director -1000 North First Street, Suite 3, Albemarle, NC 28001

MEMORANDUM

DATE: February 23, 2016

TO: Analee Thornburg, Hydrogeologist
Inactive Hazardous Sites Branch
NC Superfund Section

FROM: Hanna Assefa
Industrial Hygiene Consultant
NC Division of Waste Management

RE: Health Risk Evaluation
Albemarle Dump
Scott E. Mauldin Drinking Water Well
Well 15
34508 Lisa Drive
Albemarle Stanley County
NONCD0000571

A sample was collected from the drinking water well at the subject address on December 15, 2016. The concentration of tetrachloroethylene detected in the well water does not exceed applicable standards. The standards used to determine if the water is suitable for drinking and cooking are the United States Environmental Protection Agency's Maximum Contaminant Levels (MCLs) or, if no MCLs exist, North Carolina Groundwater Standards (2L). If a health-based groundwater standard was not available, one was calculated.

If contaminant concentrations exceed the applicable standards for using the water for drinking and cooking, the contaminant concentrations are further analyzed to determine if the water is suitable for other household uses, such as showering, bathing, washing dishes, flushing toilets, and hand washing. **Therefore, based on this evaluation the water from this well can be used for drinking, cooking and all other purposes listed above.** The table below compares the detected contaminant concentrations with the applicable standards:

Sample #	Contaminant ug/l mg/l	Concentration mg/l	USEPA MCL mg/l	Health Based 15A NCAC 2L mg/l	Calculated Health Based Concentration mg/l
FA30189-13	Tetrachloroethylene	0.004	0.005	**	**

** Not Applicable

mg/l = Milligrams contaminant per liter of water.

Report of Analysis

Client Sample ID:	WELL 15		
Lab Sample ID:	FA30189-13	**Date Sampled:**	12/17/15
Matrix:	AQ - Ground Water	**Date Received:**	12/19/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Albemarle Dump; Nanny Dr, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N0091316.D	1	12/28/15	RB	n/a	n/a	VN4112
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL (SOM01.1) List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	0.025	0.010	mg/l	
71-43-2	Benzene	ND	0.0010	0.00020	mg/l	
74-97-5	Bromochloromethane	ND	0.0010	0.00034	mg/l	
75-27-4	Bromodichloromethane	ND	0.0010	0.00022	mg/l	
75-25-2	Bromoform	ND	0.0010	0.00032	mg/l	
78-93-3	2-Butanone (MEK)	ND	0.0050	0.0012	mg/l	
75-15-0	Carbon Disulfide	ND	0.0020	0.00029	mg/l	
56-23-5	Carbon Tetrachloride	ND	0.0010	0.00028	mg/l	
108-90-7	Chlorobenzene	ND	0.0010	0.00020	mg/l	
75-00-3	Chloroethane	ND	0.0020	0.00050	mg/l	
67-66-3	Chloroform	ND	0.0010	0.00030	mg/l	
110-82-7	Cyclohexane	ND	0.0010	0.00020	mg/l	
124-48-1	Dibromochloromethane	ND	0.0010	0.00020	mg/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0020	0.00061	mg/l	
106-93-4	1,2-Dibromoethane	ND	0.0020	0.00042	mg/l	
75-71-8	Dichlorodifluoromethane	ND	0.0020	0.00050	mg/l	
95-50-1	1,2-Dichlorobenzene	ND	0.0010	0.00022	mg/l	
541-73-1	1,3-Dichlorobenzene	ND	0.0010	0.00022	mg/l	
106-46-7	1,4-Dichlorobenzene	ND	0.0010	0.00025	mg/l	
75-34-3	1,1-Dichloroethane	ND	0.0010	0.00020	mg/l	
107-06-2	1,2-Dichloroethane	ND	0.0010	0.00020	mg/l	
75-35-4	1,1-Dichloroethylene	ND	0.0010	0.00027	mg/l	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0010	0.00022	mg/l	
156-60-5	trans-1,2-Dichloroethylene	ND	0.0010	0.00021	mg/l	
78-87-5	1,2-Dichloropropane	ND	0.0010	0.00025	mg/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0010	0.00025	mg/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0010	0.00026	mg/l	
123-91-1	1,4-Dioxane	ND	0.20	0.026	mg/l	
100-41-4	Ethylbenzene	ND	0.0010	0.00020	mg/l	
76-13-1	Freon 113	ND	0.0010	0.00029	mg/l	
591-78-6	2-Hexanone	ND	0.010	0.0020	mg/l	
98-82-8	Isopropylbenzene	ND	0.0010	0.00020	mg/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WELL 15		
Lab Sample ID:	FA30189-13	**Date Sampled:**	12/17/15
Matrix:	AQ - Ground Water	**Date Received:**	12/19/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Albemarle Dump; Nanny Dr, NC		

VOA TCL (SOM01.1) List

CAS No.	Compound	Result	RL	MDL	Units	Q
79-20-9	Methyl Acetate	ND	0.020	0.0050	mg/l	
74-83-9	Methyl Bromide	ND	0.0020	0.00050	mg/l	
74-87-3	Methyl Chloride	ND	0.0020	0.00050	mg/l	
108-87-2	Methylcyclohexane	ND	0.0010	0.00022	mg/l	
75-09-2	Methylene Chloride	ND	0.0050	0.0020	mg/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	0.0050	0.0010	mg/l	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0010	0.00030	mg/l	
100-42-5	Styrene	ND	0.0010	0.00028	mg/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0010	0.00022	mg/l	
127-18-4	Tetrachloroethylene	0.0040	0.0010	0.00033	mg/l	
108-88-3	Toluene	ND	0.0010	0.00040	mg/l	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0010	0.00050	mg/l	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0010	0.00050	mg/l	
71-55-6	1,1,1-Trichloroethane	ND	0.0010	0.00026	mg/l	
79-00-5	1,1,2-Trichloroethane	ND	0.0010	0.00031	mg/l	
79-01-6	Trichloroethylene	ND	0.0010	0.00022	mg/l	
75-69-4	Trichlorofluoromethane	ND	0.0020	0.00050	mg/l	
75-01-4	Vinyl Chloride	ND	0.0010	0.00025	mg/l	
	m,p-Xylene	ND	0.0020	0.00031	mg/l	
95-47-6	o-Xylene	ND	0.0010	0.00020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	99%		83-118%
17060-07-0	1,2-Dichloroethane-D4	105%		79-125%
2037-26-5	Toluene-D8	100%		85-112%
460-00-4	4-Bromofluorobenzene	103%		83-118%

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N = Indicates presumptive evidence of a compound

Waste Management
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MICHAEL SCOTT
Acting Director

May 2, 2016

Robert W. Chance
34529 Tiffany Lane
Albemarle, NC 28001

RE: Water Supply Well Sampling Results
34529 Tiffany Lane (PIN 652902776608)
Albemarle Dump
NONCD0000571

Dear Mr. Chance:

As you are aware, URS Corporation sampled your water supply on December 16, 2015 as part of an environmental assessment of the Albemarle Dump near the above referenced location. Samples were analyzed for the chemicals listed on the attached sheets. The following chemicals summarize what was detected in the samples collected from your water supply. Concentrations are expressed in parts per billion (ppb) or included on the attached sheets as micrograms per liter of water (µg/L).

Sample #	Chemical	Concentration mg/l	US EPA [1] MCL mg/l	15A NCAC 2L[2] mg/l
FA30189-14	Tetrachloroethylene	0.0016	0.005	**

Notes –
[1] US EPA Maximum Contaminant Level for drinking water
[2] North Carolina Administrative Code, Section 2L, Groundwater Classification and Standards
mg/l = milligrams per liter
J = Estimated Value
* = Not Available
** = Not Applicable

Standards listed on the table used to determine if water is suitable for drinking and cooking are the federal drinking water standards (USEPA MCL), or where there is no MCL, the North Carolina Groundwater Quality Standard (NC 2L[2]), or where there is no MCL, or NC 2L a calculated health-based calculation.

The above information indicates that chemicals identified in the water sample obtained from your water source did not exceed applicable standards. Ms. Hanna Assefa, Environmental Toxicologist with the NC Division of Waste Management, reviewed and evaluated the analytical results (see attached Health Risk Evaluation memo). **Based on that evaluation, the water from this source is suitable for drinking and cooking and all other household purposes.**

No further sampling is planned at this time; it is the responsibility of the owner to arrange for follow-up sampling through a commercial laboratory if the owner wants additional samples collected. Please contact me with any questions at (919) 707-8227.

Sincerely,

Analee Thornburg

Analee Thornburg, Hydrogeologist
Division of Waste Management, NCDENR

Attachments

cc: David Ezzell, Environmental Health Director -1000 North First Street, Suite 3, Albemarle, NC 28001

MEMORANDUM

DATE: February 23, 2016

TO: Analee Thornburg, Hydrogeologist
Inactive Hazardous Sites Branch
NC Superfund Section

FROM: Hanna Assefa
Industrial Hygiene Consultant
NC Division of Waste Management

RE: Health Risk Evaluation
Albemarle Dump
Robert W. Chance Drinking Water Well
Well 16
34529 Tiffany Lane
Albemarle Stanley County
NONCD0000571

A sample was collected from the drinking water well at the subject address on December, 16, 2016. The concentration of tetrachloroethylene detected in the well water does not exceed applicable standards. The standards used to determine if the water is suitable for drinking and cooking are the United States Environmental Protection Agency's Maximum Contaminant Levels (MCLs) or, if no MCLs exist, North Carolina Groundwater Standards (2L). If a health-based groundwater standard was not available, one was calculated.

If contaminant concentrations exceed the applicable standards for using the water for drinking and cooking, the contaminant concentrations are further analyzed to determine if the water is suitable for other household uses, such as showering, bathing, washing dishes, flushing toilets, and hand washing. **Therefore, based on this evaluation the water from this well can be used for drinking, cooking and all other purposes listed above.** The table below compares the detected contaminant concentrations with the applicable standards:

Sample #	Contaminant ug/l mg/l	Concentration mg/l	USEPA MCL mg/l	Health Based 15A NCAC 2L mg/l	Calculated Health Based Concentration mg/l
FA30189-14	Tetrachloroethylene	0.0016	0.005	**	**

** Not Applicable
Shaded area indicates standard has been exceeded.
mg/l = Milligrams contaminant per liter of water.

Accutest Laboratories

Report of Analysis

Client Sample ID:	WELL 16		
Lab Sample ID:	FA30189-14	**Date Sampled:**	12/17/15
Matrix:	AQ - Ground Water	**Date Received:**	12/19/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Albemarle Dump; Nanny Dr, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N0091317.D	1	12/28/15	RB	n/a	n/a	VN4112
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL (SOM01.1) List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	0.025	0.010	mg/l	
71-43-2	Benzene	ND	0.0010	0.00020	mg/l	
74-97-5	Bromochloromethane	ND	0.0010	0.00034	mg/l	
75-27-4	Bromodichloromethane	ND	0.0010	0.00022	mg/l	
75-25-2	Bromoform	ND	0.0010	0.00032	mg/l	
78-93-3	2-Butanone (MEK)	ND	0.0050	0.0012	mg/l	
75-15-0	Carbon Disulfide	ND	0.0020	0.00029	mg/l	
56-23-5	Carbon Tetrachloride	ND	0.0010	0.00028	mg/l	
108-90-7	Chlorobenzene	ND	0.0010	0.00020	mg/l	
75-00-3	Chloroethane	ND	0.0020	0.00050	mg/l	
67-66-3	Chloroform	ND	0.0010	0.00030	mg/l	
110-82-7	Cyclohexane	ND	0.0010	0.00020	mg/l	
124-48-1	Dibromochloromethane	ND	0.0010	0.00020	mg/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0020	0.00061	mg/l	
106-93-4	1,2-Dibromoethane	ND	0.0020	0.00042	mg/l	
75-71-8	Dichlorodifluoromethane	ND	0.0020	0.00050	mg/l	
95-50-1	1,2-Dichlorobenzene	ND	0.0010	0.00022	mg/l	
541-73-1	1,3-Dichlorobenzene	ND	0.0010	0.00022	mg/l	
106-46-7	1,4-Dichlorobenzene	ND	0.0010	0.00025	mg/l	
75-34-3	1,1-Dichloroethane	ND	0.0010	0.00020	mg/l	
107-06-2	1,2-Dichloroethane	ND	0.0010	0.00020	mg/l	
75-35-4	1,1-Dichloroethylene	ND	0.0010	0.00027	mg/l	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0010	0.00022	mg/l	
156-60-5	trans-1,2-Dichloroethylene	ND	0.0010	0.00021	mg/l	
78-87-5	1,2-Dichloropropane	ND	0.0010	0.00025	mg/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0010	0.00025	mg/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0010	0.00026	mg/l	
123-91-1	1,4-Dioxane	ND	0.20	0.026	mg/l	
100-41-4	Ethylbenzene	ND	0.0010	0.00020	mg/l	
76-13-1	Freon 113	ND	0.0010	0.00029	mg/l	
591-78-6	2-Hexanone	ND	0.010	0.0020	mg/l	
98-82-8	Isopropylbenzene	ND	0.0010	0.00020	mg/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WELL 16		
Lab Sample ID:	FA30189-14	**Date Sampled:**	12/17/15
Matrix:	AQ - Ground Water	**Date Received:**	12/19/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Albemarle Dump; Nanny Dr, NC		

VOA TCL (SOM01.1) List

CAS No.	Compound	Result	RL	MDL	Units	Q
79-20-9	Methyl Acetate	ND	0.020	0.0050	mg/l	
74-83-9	Methyl Bromide	ND	0.0020	0.00050	mg/l	
74-87-3	Methyl Chloride	ND	0.0020	0.00050	mg/l	
108-87-2	Methylcyclohexane	ND	0.0010	0.00022	mg/l	
75-09-2	Methylene Chloride	ND	0.0050	0.0020	mg/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	0.0050	0.0010	mg/l	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0010	0.00030	mg/l	
100-42-5	Styrene	ND	0.0010	0.00028	mg/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0010	0.00022	mg/l	
127-18-4	Tetrachloroethylene	0.0016	0.0010	0.00033	mg/l	
108-88-3	Toluene	ND	0.0010	0.00040	mg/l	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0010	0.00050	mg/l	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0010	0.00050	mg/l	
71-55-6	1,1,1-Trichloroethane	ND	0.0010	0.00026	mg/l	
79-00-5	1,1,2-Trichloroethane	ND	0.0010	0.00031	mg/l	
79-01-6	Trichloroethylene	ND	0.0010	0.00022	mg/l	
75-69-4	Trichlorofluoromethane	ND	0.0020	0.00050	mg/l	
75-01-4	Vinyl Chloride	ND	0.0010	0.00025	mg/l	
	m,p-Xylene	ND	0.0020	0.00031	mg/l	
95-47-6	o-Xylene	ND	0.0010	0.00020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	100%		83-118%
17060-07-0	1,2-Dichloroethane-D4	108%		79-125%
2037-26-5	Toluene-D8	102%		85-112%
460-00-4	4-Bromofluorobenzene	107%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Waste Management
ENVIRONMENTAL QUALITY

PAT MCCRORY
Governor

DONALD R. VAN DER VAART
Secretary

MICHAEL SCOTT
Acting Director

May 2, 2016

Gerald B. Albertson
34453 Lisa Drive
Albemarle, NC 28001

RE: Water Supply Well Sampling Results
34453 Lisa Drive (PIN 652902764820)
Albemarle Dump
NONCD0000571

Dear Mr. Albertson:

As you are aware, URS Corporation sampled your water supply on December 17, 2015 as part of an environmental assessment of the Albemarle Dump near the above referenced location. Samples were analyzed for the chemicals listed on the attached sheets. The following chemicals summarize what was detected in the samples collected from your water supply. Concentrations are expressed in parts per billion (ppb) or included on the attached sheets as micrograms per liter of water (µg/L).

Sample #	Chemical	Concentration mg/l	US EPA [1] MCL mg/l	15A NCAC 2L[2] mg/l
FA30189-19	Chloroform	0.0011	0.080	**

Notes –
[1] US EPA Maximum Contaminant Level for drinking water
[2] North Carolina Administrative Code, Section 2L, Groundwater Classification and Standards
mg/l = milligrams per liter
J = Estimated Value
* = Not Available
** = Not Applicable

Standards listed on the table used to determine if water is suitable for drinking and cooking are the federal drinking water standards (USEPA MCL), or where there is no MCL, the North Carolina Groundwater Quality Standard (NC 2L[2]), or where there is no MCL, or NC 2L a calculated health-based calculation.

The above information indicates that chemicals identified in the water sample obtained from your water source did not exceed applicable standards. Ms. Hanna Assefa, Environmental Toxicologist with the NC Division of Waste Management, reviewed and evaluated the analytical results (see attached Health Risk Evaluation memo). **Based on that evaluation, the water from this source is suitable for drinking and cooking and all other household purposes.**

No further sampling is planned at this time; it is the responsibility of the owner to arrange for follow-up sampling through a commercial laboratory if the owner wants additional samples collected. Please contact me with any questions at (919) 707-8227.

Sincerely,

Analee Thornburg

Analee Thornburg, Hydrogeologist
Division of Waste Management, NCDENR

Attachments

cc: David Ezzell, Environmental Health Director -1000 North First Street, Suite 3, Albemarle, NC 28001

MEMORANDUM

DATE: February 23, 2016

TO: Analee Thornburg, Hydrogeologist
Inactive Hazardous Sites Branch
NC Superfund Section

FROM: Hanna Assefa
Industrial Hygiene Consultant
NC Division of Waste Management

RE: Health Risk Evaluation
Albemarle Dump
Gerald B. Albertson Drinking Water Well
Well 25
34453 Lisa Drive
Albemarle Stanley County
NONCD0000571

A sample was collected from the drinking water well at the subject address on December 17, 2016. The concentration of chloroform detected in the well water does not exceed applicable standards. The standards used to determine if the water is suitable for drinking and cooking are the United States Environmental Protection Agency's Maximum Contaminant Levels (MCLs) or, if no MCLs exist, North Carolina Groundwater Standards (2L). If a health-based groundwater standard was not available, one was calculated.

If contaminant concentrations exceed the applicable standards for using the water for drinking and cooking, the contaminant concentrations are further analyzed to determine if the water is suitable for other household uses, such as showering, bathing, washing dishes, flushing toilets, and hand washing. **Therefore, based on this evaluation the water from this well can be used for drinking, cooking and all other purposes listed above.** The table below compares the detected contaminant concentrations with the applicable standards:

Sample #	Contaminant ug/l mg/l	Concentration mg/l	USEPA MCL mg/l	Health Based 15A NCAC 2L mg/l	Calculated Health Based Concentration mg/l
FA30189-19	Chloroform	0.0011	0.080	**	**

** Not Applicable
mg/l = Milligrams contaminant per liter of water.

Accutest Laboratories

Report of Analysis

Client Sample ID:	WELL 25		
Lab Sample ID:	FA30189-19	**Date Sampled:**	12/17/15
Matrix:	AQ - Ground Water	**Date Received:**	12/19/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Albemarle Dump; Nanny Dr, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N0091322.D	1	12/28/15	RB	n/a	n/a	VN4112
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL (SOM01.1) List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	0.025	0.010	mg/l	
71-43-2	Benzene	ND	0.0010	0.00020	mg/l	
74-97-5	Bromochloromethane	ND	0.0010	0.00034	mg/l	
75-27-4	Bromodichloromethane	ND	0.0010	0.00022	mg/l	
75-25-2	Bromoform	ND	0.0010	0.00032	mg/l	
78-93-3	2-Butanone (MEK)	ND	0.0050	0.0012	mg/l	
75-15-0	Carbon Disulfide	ND	0.0020	0.00029	mg/l	
56-23-5	Carbon Tetrachloride	ND	0.0010	0.00028	mg/l	
108-90-7	Chlorobenzene	ND	0.0010	0.00020	mg/l	
75-00-3	Chloroethane	ND	0.0020	0.00050	mg/l	
67-66-3	Chloroform	0.0011	0.0010	0.00030	mg/l	
110-82-7	Cyclohexane	ND	0.0010	0.00020	mg/l	
124-48-1	Dibromochloromethane	ND	0.0010	0.00020	mg/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0020	0.00061	mg/l	
106-93-4	1,2-Dibromoethane	ND	0.0020	0.00042	mg/l	
75-71-8	Dichlorodifluoromethane	ND	0.0020	0.00050	mg/l	
95-50-1	1,2-Dichlorobenzene	ND	0.0010	0.00022	mg/l	
541-73-1	1,3-Dichlorobenzene	ND	0.0010	0.00022	mg/l	
106-46-7	1,4-Dichlorobenzene	ND	0.0010	0.00025	mg/l	
75-34-3	1,1-Dichloroethane	ND	0.0010	0.00020	mg/l	
107-06-2	1,2-Dichloroethane	ND	0.0010	0.00020	mg/l	
75-35-4	1,1-Dichloroethylene	ND	0.0010	0.00027	mg/l	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0010	0.00022	mg/l	
156-60-5	trans-1,2-Dichloroethylene	ND	0.0010	0.00021	mg/l	
78-87-5	1,2-Dichloropropane	ND	0.0010	0.00025	mg/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0010	0.00025	mg/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0010	0.00026	mg/l	
123-91-1	1,4-Dioxane	ND	0.20	0.026	mg/l	
100-41-4	Ethylbenzene	ND	0.0010	0.00020	mg/l	
76-13-1	Freon 113	ND	0.0010	0.00029	mg/l	
591-78-6	2-Hexanone	ND	0.010	0.0020	mg/l	
98-82-8	Isopropylbenzene	ND	0.0010	0.00020	mg/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WELL 25		
Lab Sample ID:	FA30189-19	**Date Sampled:**	12/17/15
Matrix:	AQ - Ground Water	**Date Received:**	12/19/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Albemarle Dump; Nanny Dr, NC		

VOA TCL (SOM01.1) List

CAS No.	Compound	Result	RL	MDL	Units	Q
79-20-9	Methyl Acetate	ND	0.020	0.0050	mg/l	
74-83-9	Methyl Bromide	ND	0.0020	0.00050	mg/l	
74-87-3	Methyl Chloride	ND	0.0020	0.00050	mg/l	
108-87-2	Methylcyclohexane	ND	0.0010	0.00022	mg/l	
75-09-2	Methylene Chloride	ND	0.0050	0.0020	mg/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	0.0050	0.0010	mg/l	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0010	0.00030	mg/l	
100-42-5	Styrene	ND	0.0010	0.00028	mg/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0010	0.00022	mg/l	
127-18-4	Tetrachloroethylene	ND	0.0010	0.00033	mg/l	
108-88-3	Toluene	ND	0.0010	0.00040	mg/l	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0010	0.00050	mg/l	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0010	0.00050	mg/l	
71-55-6	1,1,1-Trichloroethane	ND	0.0010	0.00026	mg/l	
79-00-5	1,1,2-Trichloroethane	ND	0.0010	0.00031	mg/l	
79-01-6	Trichloroethylene	ND	0.0010	0.00022	mg/l	
75-69-4	Trichlorofluoromethane	ND	0.0020	0.00050	mg/l	
75-01-4	Vinyl Chloride	ND	0.0010	0.00025	mg/l	
	m,p-Xylene	ND	0.0020	0.00031	mg/l	
95-47-6	o-Xylene	ND	0.0010	0.00020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		83-118%
17060-07-0	1,2-Dichloroethane-D4	110%		79-125%
2037-26-5	Toluene-D8	101%		85-112%
460-00-4	4-Bromofluorobenzene	102%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Waste Management
ENVIRONMENTAL QUALITY

PAT MCCRORY
Governor

DONALD R. VAN DER VAART
Secretary

MICHAEL SCOTT
Acting Director

May 2, 2016

Gail Stokem and Debbie Burkett
29163 Pennington Road
Albemarle, NC 28001

RE: Water Supply Well Sampling Results
29163 Pennington Road (PIN 652902760637)
Albemarle Dump
NONCD0000571

Dear Ms. Stokem and Ms. Burkett:

As you are aware, URS Corporation sampled your water supply on December 17, 2015 as part of an environmental assessment of the Albemarle Dump near the above referenced location. Samples were analyzed for the chemicals listed on the attached sheets. The following chemicals summarize what was detected in the samples collected from your water supply. Concentrations are expressed in parts per billion (ppb) or included on the attached sheets as micrograms per liter of water (µg/L).

Sample #	Chemical	Concentration mg/l	US EPA [1] MCL mg/l	15A NCAC 2L[2] mg/l
FA30189-24	Chloroform	0.00082 J	0.080	**

Notes –
[1] US EPA Maximum Contaminant Level for drinking water
[2] North Carolina Administrative Code, Section 2L, Groundwater Classification and Standards
mg/l = milligrams per liter
J = Estimated Value
* = Not Available
** = Not Applicable

Standards listed on the table used to determine if water is suitable for drinking and cooking are the federal drinking water standards (USEPA MCL), or where there is no MCL, the North Carolina Groundwater Quality Standard (NC 2L[2]), or where there is no MCL, or NC 2L a calculated health-based calculation.

The above information indicates that chemicals identified in the water sample obtained from your water source did not exceed applicable standards. Ms. Hanna Assefa, Environmental Toxicologist with the NC Division of Waste Management, reviewed and evaluated the analytical results (see attached Health Risk Evaluation memo). **Based on that evaluation, the water from this source is suitable for drinking and cooking and all other household purposes.**

No further sampling is planned at this time; it is the responsibility of the owner to arrange for follow-up sampling through a commercial laboratory if the owner wants additional samples collected. Please contact me with any questions at (919) 707-8227.

Sincerely,

Analee Thornburg

Analee Thornburg, Hydrogeologist
Division of Waste Management, NCDENR

Attachments

cc: David Ezzell, Environmental Health Director -1000 North First Street, Suite 3, Albemarle, NC 28001

Waste Management
ENVIRONMENTAL QUALITY

PAT MCCRORY
Governor

DONALD R. VAN DER VAART
Secretary

MICHAEL SCOTT
Acting Director

May 2, 2016

TO: Analee Thornburg
Inactive Hazardous Sites Branch
NC Superfund Section

RE: Health Risk Evaluation
NONCD0000571
Albemarle Dump
Gail Stokem and Debbie Burkett Well Sampling Results
29163 Pennington Road
Albemarle, NC

During this sampling event, one contaminant was detected in the well water. The standards used to determine if the water is suitable for drinking and cooking are the United States Environmental Protection Agency's Maximum Contaminant Levels (MCLs) or, if no MCLs exist, North Carolina Groundwater Standards (2L).

If the contaminant concentration exceeds the applicable standard for using the water for drinking and cooking, the contaminant concentration is further analyzed to determine if the water is suitable for other household uses, such as showering, bathing, washing dishes, flushing toilets, and hand washing. The chart below compares the detected contaminant concentration with the applicable standard:

Sample ID	Contaminant	Concentration (µg/l)*	MCL (µg/l)	2L (µg/l)
FA30189-24	Chloroform	0.82	80**	

* The abbreviation µg/l stands for micrograms of contaminant per liter of water and is roughly equivalent to parts per billion.

** As total trihalomethanes.

RECOMMENDATION: The detected contaminant did not exceed the applicable water standard. Therefore, no restrictions on the use of this water are recommended at this time.

David Lilley, Environmental Toxicologist
Division of Waste Management, NCDEQ

Accutest Laboratories

Report of Analysis

Client Sample ID:	WELL 30		
Lab Sample ID:	FA30189-24	**Date Sampled:**	12/17/15
Matrix:	AQ - Ground Water	**Date Received:**	12/19/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Albemarle Dump; Nanny Dr, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	C0112835.D	1	12/30/15	EP	n/a	n/a	VC4497
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

VOA TCL (SOM01.1) List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	0.025	0.010	mg/l	
71-43-2	Benzene	ND	0.0010	0.00020	mg/l	
74-97-5	Bromochloromethane	ND	0.0010	0.00034	mg/l	
75-27-4	Bromodichloromethane	ND	0.0010	0.00022	mg/l	
75-25-2	Bromoform	ND	0.0010	0.00032	mg/l	
78-93-3	2-Butanone (MEK)	ND	0.0050	0.0012	mg/l	
75-15-0	Carbon Disulfide	ND	0.0020	0.00029	mg/l	
56-23-5	Carbon Tetrachloride	ND	0.0010	0.00028	mg/l	
108-90-7	Chlorobenzene	ND	0.0010	0.00020	mg/l	
75-00-3	Chloroethane	ND	0.0020	0.00050	mg/l	
67-66-3	Chloroform	0.00082	0.0010	0.00030	mg/l	J
110-82-7	Cyclohexane	ND	0.0010	0.00020	mg/l	
124-48-1	Dibromochloromethane	ND	0.0010	0.00020	mg/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	0.0020	0.00061	mg/l	
106-93-4	1,2-Dibromoethane	ND	0.0020	0.00042	mg/l	
75-71-8	Dichlorodifluoromethane	ND	0.0020	0.00050	mg/l	
95-50-1	1,2-Dichlorobenzene	ND	0.0010	0.00022	mg/l	
541-73-1	1,3-Dichlorobenzene	ND	0.0010	0.00022	mg/l	
106-46-7	1,4-Dichlorobenzene	ND	0.0010	0.00025	mg/l	
75-34-3	1,1-Dichloroethane	ND	0.0010	0.00020	mg/l	
107-06-2	1,2-Dichloroethane	ND	0.0010	0.00020	mg/l	
75-35-4	1,1-Dichloroethylene	ND	0.0010	0.00027	mg/l	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0010	0.00022	mg/l	
156-60-5	trans-1,2-Dichloroethylene	ND	0.0010	0.00021	mg/l	
78-87-5	1,2-Dichloropropane	ND	0.0010	0.00025	mg/l	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0010	0.00025	mg/l	
10061-02-6	trans-1,3-Dichloropropene	ND	0.0010	0.00026	mg/l	
123-91-1	1,4-Dioxane	ND	0.20	0.026	mg/l	
100-41-4	Ethylbenzene	ND	0.0010	0.00020	mg/l	
76-13-1	Freon 113	ND	0.0010	0.00029	mg/l	
591-78-6	2-Hexanone	ND	0.010	0.0020	mg/l	
98-82-8	Isopropylbenzene	ND	0.0010	0.00020	mg/l	

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	WELL 30		
Lab Sample ID:	FA30189-24	**Date Sampled:**	12/17/15
Matrix:	AQ - Ground Water	**Date Received:**	12/19/15
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	Albemarle Dump; Nanny Dr, NC		

VOA TCL (SOM01.1) List

CAS No.	Compound	Result	RL	MDL	Units	Q
79-20-9	Methyl Acetate	ND	0.020	0.0050	mg/l	
74-83-9	Methyl Bromide	ND	0.0020	0.00050	mg/l	
74-87-3	Methyl Chloride	ND	0.0020	0.00050	mg/l	
108-87-2	Methylcyclohexane	ND	0.0010	0.00022	mg/l	
75-09-2	Methylene Chloride	ND	0.0050	0.0020	mg/l	
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	0.0050	0.0010	mg/l	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0010	0.00030	mg/l	
100-42-5	Styrene	ND	0.0010	0.00028	mg/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0010	0.00022	mg/l	
127-18-4	Tetrachloroethylene	ND	0.0010	0.00033	mg/l	
108-88-3	Toluene	ND	0.0010	0.00040	mg/l	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0010	0.00050	mg/l	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0010	0.00050	mg/l	
71-55-6	1,1,1-Trichloroethane	ND	0.0010	0.00026	mg/l	
79-00-5	1,1,2-Trichloroethane	ND	0.0010	0.00031	mg/l	
79-01-6	Trichloroethylene	ND	0.0010	0.00022	mg/l	
75-69-4	Trichlorofluoromethane	ND	0.0020	0.00050	mg/l	
75-01-4	Vinyl Chloride	ND	0.0010	0.00025	mg/l	
	m,p-Xylene	ND	0.0020	0.00031	mg/l	
95-47-6	o-Xylene	ND	0.0010	0.00020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	112%		83-118%
17060-07-0	1,2-Dichloroethane-D4	109%		79-125%
2037-26-5	Toluene-D8	96%		85-112%
460-00-4	4-Bromofluorobenzene	99%		83-118%

ND = Not detected MDL = Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound